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American Petroleum Institute
2101 L Street, Northwest
Washington, D.C. 20037

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 64 **For Week Ended** *FEBRUARY* 4, 1983 **NO.** 5

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 02/04/83	Last Week Ending: 01/28/83	Last Year Week Ending: 02/05/82	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units *	11,084	11,477	11,581	- 393	- 497
Operable capacity	16,814	16,814	17,822	0	- 1,008
Percent operated	65.9	68.3	65.0		
Motor Gasoline					
Total motor gasoline production	5,857	5,926	5,917	- 69	- 60
Finished leaded motor gasoline production	2,832	2,749	*N/A*	+ 83	*N/A*
Finished unleaded motor gasoline production	3,025	3,177	*N/A*	- 152	*N/A*
Total motor gasoline stocks	247,978	246,329	257,020	+ 1,649	- 9,042
Finished leaded motor gasoline stocks	102,298	102,714	*N/A*	- 416	*N/A*
Finished unleaded motor gasoline stocks	99,517	98,852	99,744	+ 665	- 227
Distillate Fuel Oil					
Distillate fuel oil production	2,252	2,383	2,439	- 131	- 187
Distillate fuel oil stocks	161,694	165,361	160,548	- 3,667	+ 1,146
Residual Fuel Oil					
Residual fuel oil production	963	1,085	1,207	- 122	- 244
Residual fuel oil stocks	62,815	61,519	70,090	+ 1,296	- 7,275
Imports					
Crude oil imports	2,553	3,227	3,398	- 674	- 845
Product imports	1,641	1,827	1,476	- 186	+ 165
Crude Oil Stocks					
Crude oil stocks	356,858	361,293	384,877	- 4,435	- 28,019

* *SCHEDULED AND UNSCHEDULED SHUTDOWNS CAUSED A DECREASE OF* 256,000 *BBL. PER DAY IN THE LOUISIANA GULF COAST DISTRICT.*

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.

NA-Not Available

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,106	950	989	1,569	63.0
Appal. No. 1	58	55	57	98	58.2
DISTRICT 1 TOTAL	1,164	1,005	1,046	1,667	62.7
Appal. No. 2	48	45	51	66	77.3
Ind., Ill., Ky.	1,925	1,719●	1,774	2,399	73.9
Minn., Wis., Daks.	239	239	255	293	87.0
Okla., Kans., Mo.	738	658	667	858	77.7
DISTRICT 2 TOTAL	2,950	2,661●	2,747	3,616	76.0
Inland Texas	474	426	466	592	78.7
Texas Gulf Coast	2,711	2,468	2,539	4,164	61.0
La. Gulf Coast	1,785	1,652	1,698	2,708	62.7
N. La. and Ark.	169	145	161	314	51.3
New Mexico	69	67	74	117	63.2
DISTRICT 3 TOTAL	5,208	4,758	4,938	7,895	62.5
DISTRICT 4 TOTAL	437	39[illegible]	399	553	72.2
DISTRICT 5 TOTAL	2,120	1,951	1,954	3,083	63.4
TOTAL U.S.	11,879	10,769	11,084	16,814	65.9
TOTAL U.S. Weeks Ended:					
JAN. 28, 1983	12,531	11,131●	11,477	16,814	68.3
FEB. 5, 1982	12,173	11,297	11,581	17,822	65.0
DISTRICTS 1-4 Weeks Ended:					
FEB. 4, 1983	9,759	8,818	9,130	13,731	66.5
JAN. 28, 1983	10,278	9,166●	9,481	13,731	69.0
FEB. 5, 1982	10,161	9,378	9,576	14,698	65.2

● *SEE REVISIONS ON PAGE 7*

API WEEKLY STATISTICAL BULLETIN
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U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	576	202	374	--	22	198	152
Appal. No. 1	23	11	12	2	--	23	8
DISTRICT 1 TOTAL	599	213	386	2	22	221	160
Appal. No. 2	36	22	14	--	3	7	1
Ind., Ill., Ky.	1,217	590	627	18	96	325	78
Minn., Wis., Daks.	146	73	73	5	1	54	6
Okla., Kans., Mo.	444	289	155	11	36	178	12
DISTRICT 2 TOTAL	1,843	974	869	34	136	564	97
Inland Texas	207	123	84	24	25	98	29
Texas Gulf Coast	1,226	484	742	15	160	603	260
La. Gulf Coast	783	384	399	18	202	250	100
N. La. and Ark.	60	46	14	--	--	49	12
New Mexico	25	13	12	13	1	20	3
DISTRICT 3 TOTAL	2,301	1,050	1,251	70	388	1,020	404
DISTRICT 4 TOTAL	230	145	85	10	24	97	11
DISTRICT 5 TOTAL	884	450	434	52	249	350	291
TOTAL U.S.	5,857	2,832	3,025	168	819	2,252	963
TOTAL U.S. Weeks Ended:							
JAN. 28, 1983	5,926	2,749	3,177	193	811	2,383	1,085
FEB. 5, 1982	5,917	*N/A*	*N/A*	204	724	2,439	1,207
DISTRICTS 1-4 Weeks Ended:							
FEB. 4, 1983	4,973	2,382	2,591	116	570	1,902	672
JAN. 28, 1983	5,024	2,342	2,682	149	608	2,027	761
FEB. 5, 1982	5,080	*N/A*	*N/A*	155	538	2,119	804

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.
[2]Includes Grade No. 4 fuel oil.

NA-Not Available

API WEEKLY STATISTICAL BULLETIN
Week Ended *FEBRUARY* 4, 1983

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	6,928	3,420	3,508	--	99	644	12,116	2,034	--
Central Atlantic	33,928	13,913●	14,776	5,239●	318	3,818	39,355	24,724	13,019
Lower Atlantic	27,534	12,695	14,820	19	135	4,133●	14,590	4,609	471
DISTRICT 1 TOTAL	68,390	30,028●	33,104	5,258●	552	8,595●	66,061	31,367	13,490
DISTRICT 2 TOTAL	73,553●	34,599●	29,221●	9,733	1,729	7,710	47,518●	5,422	16,861
DISTRICT 3 TOTAL	66,744	23,044	24,503	19,197	2,326	9,857	31,598	16,801	50,084
DISTRICT 4 TOTAL	10,108●	4,710	2,395●	3,003	481	826	4,397	518	3,362
DISTRICT 5 TOTAL	29,183	9,917	10,294	8,972	1,215	5,741	12,120	8,707	27,283
TOTAL U.S.	247,978	102,298	99,517	46,163	6,303	32,729	161,694	62,815	111,080
TOTAL U.S. **Weeks Ended:**									
JAN. 28, 1983	246,329●	102,714●	98,852●	44,763●	5,859	33,289●	165,361●	61,519	110,833
FEB. 5, 1982	257,020	*N/A*	99,744	*N/A*	6,659	30,145	160,548	70,090	116,750
DISTRICTS 1-4 **Weeks Ended:**									
FEB. 4, 1983	218,795	92,381	89,223	37,191	5,088	26,988	149,574	54,108	83,797
JAN. 28, 1983	217,041●	92,835●	88,568●	35,588●	4,792	27,661●	152,682●	52,370	83,471
FEB. 5, 1982	225,158	*N/A*	87,577	*N/A*	5,274	23,747	147,285	59,752	90,694

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

● *SEE REVISIONS ON PAGE 7*
NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended *FEBRUARY* 4, 1983

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy SEP 82	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
		Daily Average			
DISTRICTS 1-4 TOTAL					
FEB. 4, 1983	5,815.1	5,883.0	2,304	238	276,372
JAN. 28, 1983	5,815.1	--	3,126	182	276,198●
JAN. 21, 1983	5,815.1	--	2,873	202	273,208
JAN. 14, 1983	5,815.1	--	2,759	182	271,294
DISTRICT 5 TOTAL					
FEB. 4, 1983	2,846.0	2,823.0	249	35	80,486 *
JAN. 28, 1983	2,846.0	--	101	--	85,095
JAN. 21, 1983	2,846.0	--	169	--	83,339
JAN. 14, 1983	2,846.0	--	111	8	85,453
TOTAL U.S.					
FEB. 4, 1983	8,661.1	8,706.0	2,553	273	356,858 *
JAN. 28, 1983	8,661.1	--	3,227	182	361,293●
JAN. 21, 1983	8,661.1	--	3,042	202	356,547
JAN. 14, 1983	8,661.1	--	2,870	190	356,747
FEB. 5, 1982	8,585.1/A	--	3,398	120	384,877

*INCLUDES 23,771 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

/A DOE ACTUAL FOR JANUARY 1982.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
FEB. 4, 1983	18,468	77,965	165,372	14,567	276,372	80,486 *	356,858 *
JAN. 28, 1983	20,196	76,764●	164,444	14,794	276,198●	85,095	361,293●
FEB. 5, 1982	23,250	84,681	169,006	14,495	291,432	93,445	384,877

[1]See definitional notes, Page 6.

● *SEE REVISIONS ON PAGE 7*

API WEEKLY STATISTICAL BULLETIN
Week Ended *FEBRUARY* 4, 1983

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
New England	--	--	--	--	--	--	--	5	--	--	5
Central Atlantic	129	71	58	6	43	152	370	5	115	125●	945●
Lower Atlantic	--	--	--	--	--	--	117	--	--	--	117
DISTRICT 1 TOTAL											
FEB. 4, 1983	129	71	58	6	43	152	487	10	115	125	1,067
JAN. 28, 1983	141	83	58	3	9	86	695	20	14	140●	1,108●
JAN. 21, 1983	110	60	50	5	38	127	412	5	84	150	931
JAN. 14, 1983	149	97	52	3	5	95	509	6	25	161	953
DISTRICTS 2–4 TOTAL											
FEB. 4, 1983	3	--	3	--	--	--	91	280	71	45	490
JAN. 28, 1983	1	1	--	--	--	7	91	310	134	62●	605●
JAN. 21, 1983	--	--	--	--	--	--	106	258	54	24	442
JAN. 14, 1983	5	4	1	--	--	30	163	240	77	5	520
DISTRICT 5 TOTAL											
FEB. 4, 1983	34	21	13	--	--	6	17	17	--	10	84
JAN. 28, 1983	42	33	9	--	--	7	17	15	33	--	114
JAN. 21, 1983	38	24	14	--	1	7	21	14	4	7	92
JAN. 14, 1983	38	28	10	--	1	6	19	14	4	6	88
TOTAL U.S.	166	92	74	6	43	158	595	307	186	180	1,641
TOTAL U.S. Weeks Ended:											
JAN. 28, 1983	184	117	67	3	9	100	803	345	181	202●	1,827●
JAN. 21, 1983	148	84	64	5	39	134	539	277	142	181	1,465
JAN. 14, 1983	192	129	63	3	6	131	691	260	106	172	1,561
FEB. 5, 1982	117	*N/A*	56	--	--	109	801	302	122	10	1,476

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

[3]See definitional notes, Page 6.

NA-Not Available

● *SEE REVISIONS ON PAGE 7*

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected om reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

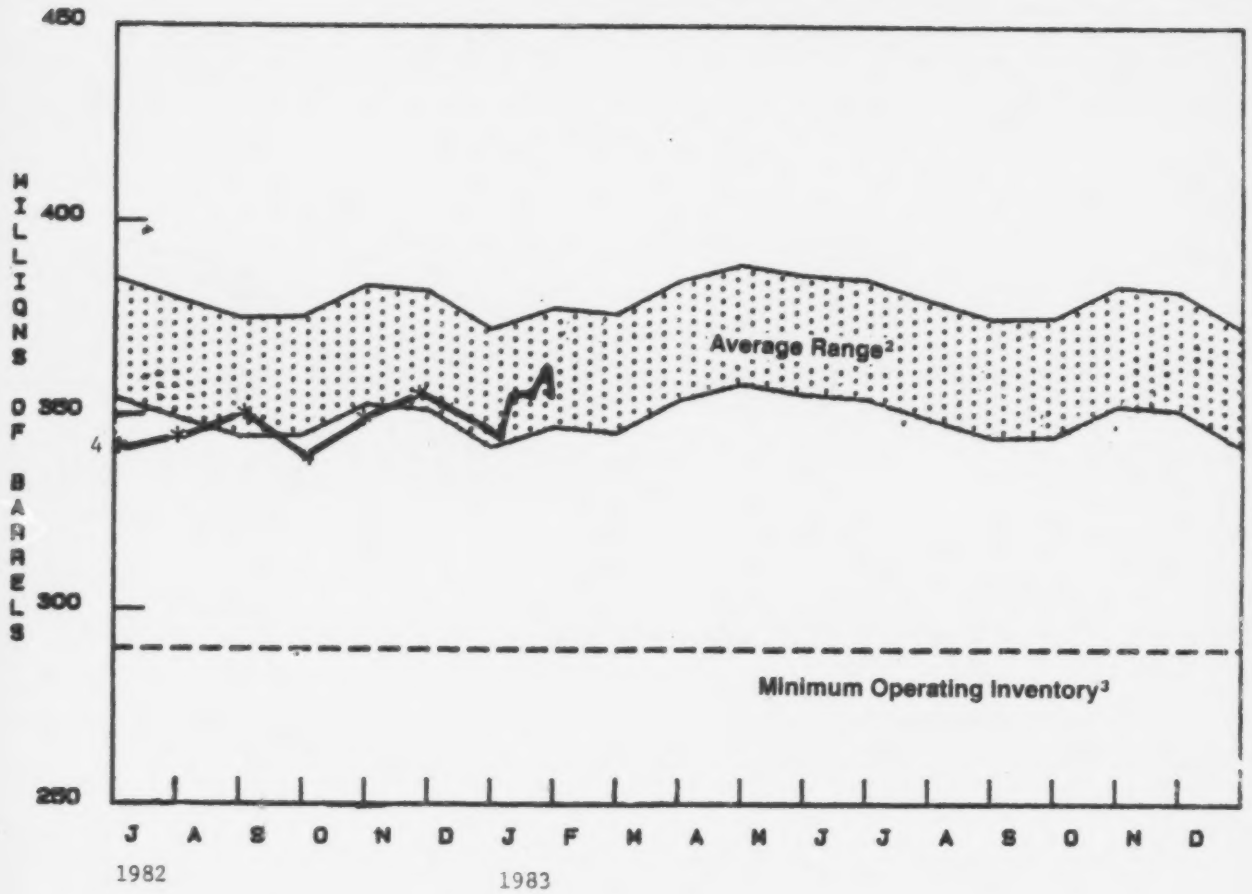
REVISIONS

1/28/83	PAGE 1	CRUDE OIL RUNS	IND., ILL., KY.	1,738
			DISTRICT 2 TOTAL	2,659
			TOTAL U.S.	11,131
			DISTRICTS 1-4	9,166
	PAGE 3	TOTAL MGAS	DISTRICT 2 TOTAL	73,845
			DISTRICT 4 TOTAL	9,451
			TOTAL U.S.	246,329
			DISTRICTS 1-4	217,041
		LEADED MGAS	CENTRAL ATLANTIC	14,048
			DISTRICT 1 TOTAL	30,988
			DISTRICT 2 TOTAL	34,136
			TOTAL U.S.	102,714
			DISTRICTS 1-4	92,885
		UNLEADED MGAS	DISTRICT 2 TOTAL	29,336
			DISTRICT 4 TOTAL	2,344
			TOTAL U.S.	98,852
			DISTRICTS 1-4	88,568
		BLENDING COMPS	CENTRAL ATLANTIC	4,979
			DISTRICT 1 TOTAL	4,991
			TOTAL U.S.	44,763
			DISTRICTS 1-4	35,588
		KEROSINE JET	LOWER ATLANTIC	3,918
			DISTRICT 1 TOTAL	8,672
			TOTAL U.S.	33,289
			DISTRICTS 1-4	27,661
		DISTILLATE FUEL	DISTRICT 2 TOTAL	47,936
			TOTAL U.S.	165,361
			DISTRICTS 1-4	152,682
	PAGE 4 TOP	CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	276,198
			TOTAL U.S.	361,293
	PAGE 4 BOTTOM	TOTAL	PAD DISTRICT 2	76,764
		TOTAL	TOTAL PAD DISTRICTS 1-4	276,198
		TOTAL	TOTAL U.S.	361,293
	PAGE 5	OTHER	CENTRAL ATLANTIC	140
			DISTRICT 1 TOTAL	140
			DISTRICTS 2-4 TOTAL	62

REVISIONS

TOTAL	TOTAL U.S.	202
	CENTRAL ATLANTIC	708
	DISTRICT 1 TOTAL	1,108
	DISTRICTS 2-4 TOTAL	605
	TOTAL U.S.	1,827

Crude Oil Stocks at Primary Level[1] [5]



[1]Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

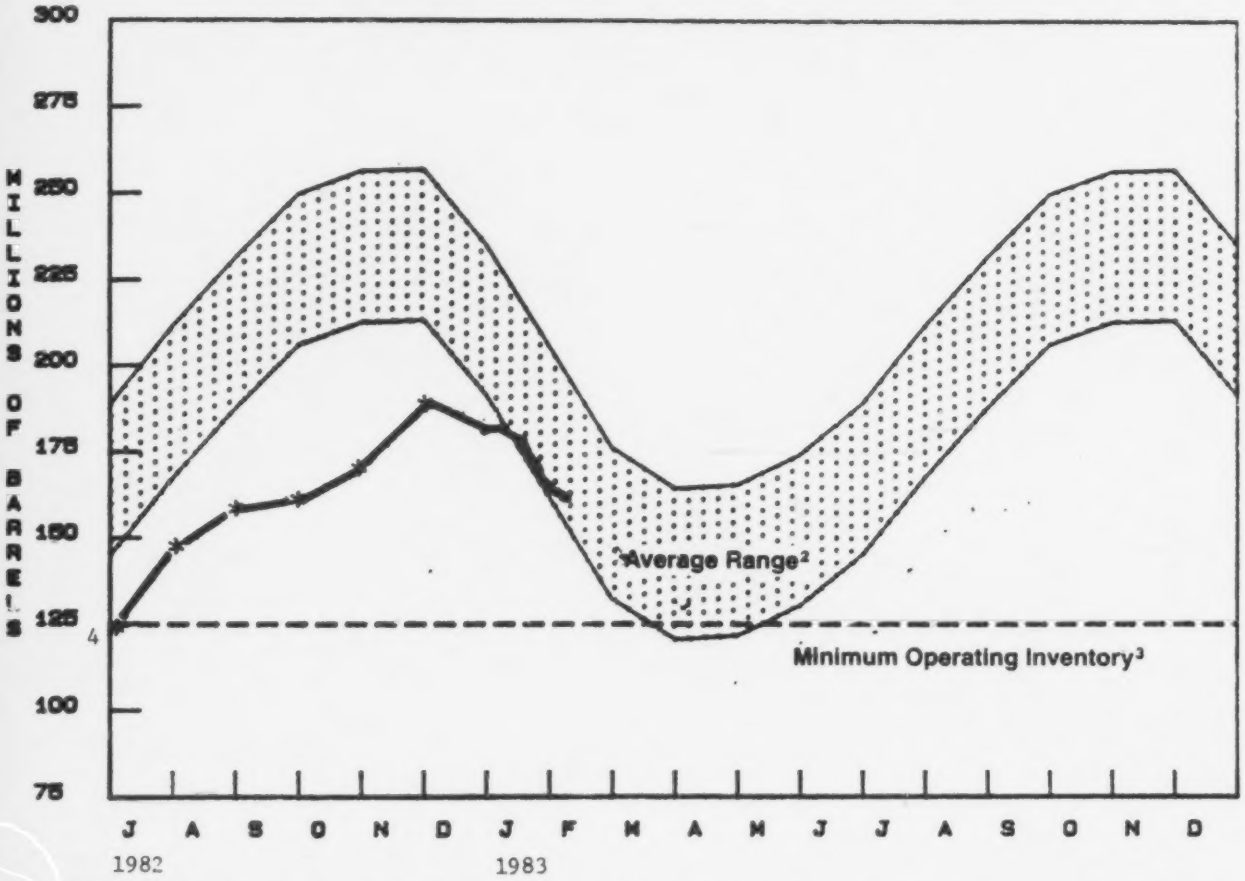
[2]Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

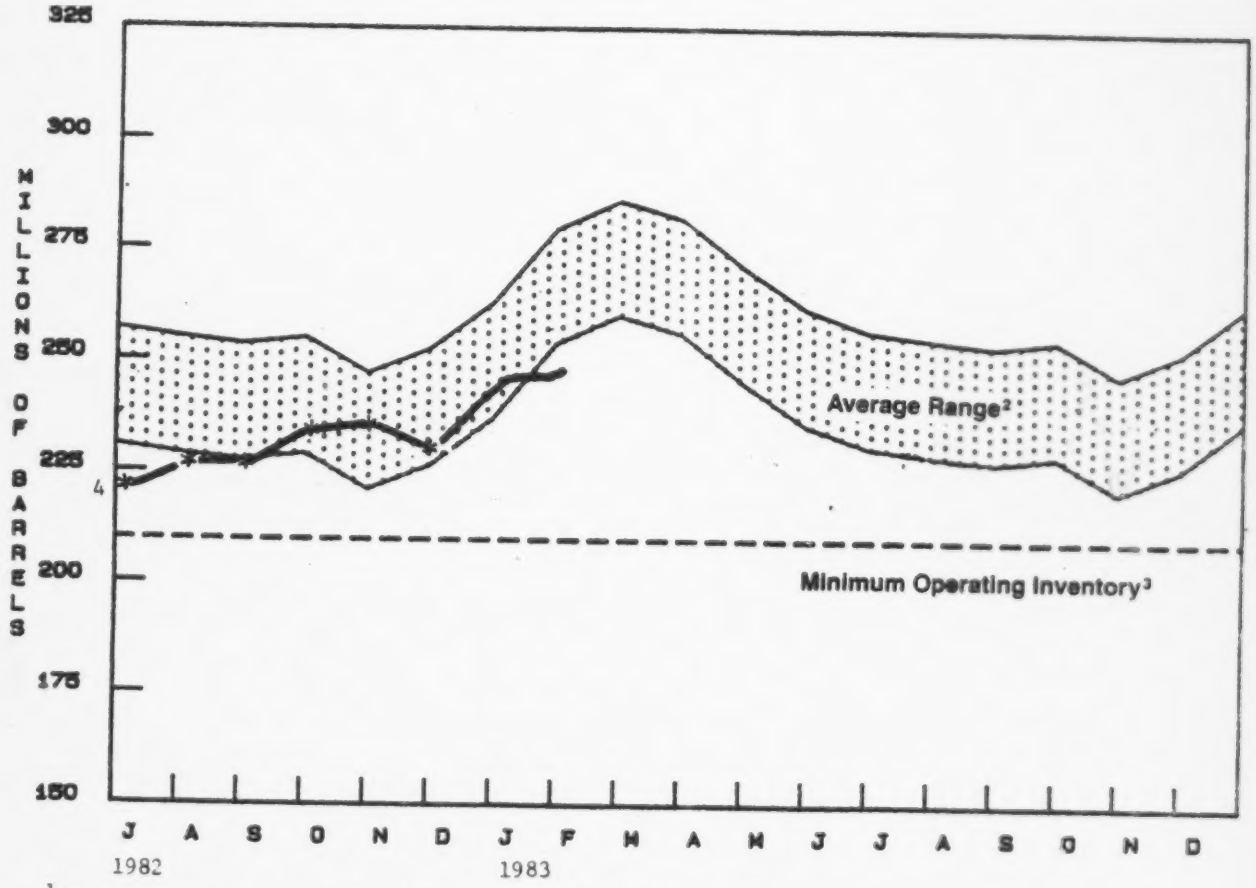
[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: * -- EIA, Energy Data Reports, "Petroleum Statement, Monthly."
• -- API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Motor Gasoline Stocks at Primary Level[1,5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

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•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.